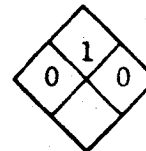


SHELL OIL COMPANY  
SHELL CHEMICAL COMPANY  
SHELL DEVELOPMENT COMPANY  
SHELL PIPE LINE CORPORATION

DPM 326

HAZARD  
RATING



# MATERIAL SAFETY DATA SHEET

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act of 1970 and shall not be used for any other purpose. Use or dissemination of all or any part of this information for any other purpose may result in a violation of law or constitute grounds for legal action.

SECTION I			
MANUFACTURER'S NAME <b>Shell Oil Company</b>		EMERGENCY TELEPHONE NO. <b>(713) 473-9461</b>	
ADDRESS (Number, Street, City, State, and ZIP Code) <b>One Shell Plaza, Houston, Texas 77002</b>			
CHEMICAL NAME AND SYNONYMS <b>Lubricating grease</b>		TRADE NAME <b>AEROSHELL (R) Grease 7</b>	
CHEMICAL FAMILY <b>Synthetic ester</b>	FORMULA <b>Code 70149</b>		

SECTION II HAZARDOUS INGREDIENTS*						
COMPOSITION	%	SPECIES	LD <sub>50</sub>		LC <sub>50</sub>	
			ORAL	DERMAL	CONCENTRATION	HOURS
PIGMENTS						
CATALYST						
VEHICLE						
SOLVENTS						
ADDITIVES						
OTHERS						
AEROSHELL Grease 7 consists of a synthetic ester base plus inorganic thickener (a water-proofed clay) plus antioxidant and anticorrosion additives. It is not a hazardous material by U.S. Department of Labor definition [29 CFR 1501.2(s)].						

SECTION III PHYSICAL DATA			
BOILING POINT (°F)		SPECIFIC GRAVITY (H <sub>2</sub> O=1)	
VAPOR PRESSURE (mmHg)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____=1)	
SOLUBILITY IN WATER			
APPEARANCE AND ODOR	Insol.		
Buff colored smooth buttery grease - slight odor			

SECTION IV FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel
Base ester has flash of 420°F, C.O.C.	N.A.		
EXTINGUISHING MEDIA Dry chemical type preferred.			
SPECIAL FIRE FIGHTING PROCEDURES None			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

## SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

N.A.

EFFECTS OF OVEREXPOSURE

Slight irritation to skin and eyes

EMERGENCY AND FIRST AID PROCEDURES

Skin - remove product by wiping or by applying waterless

hand cleaner, followed by washing with soap and water.

Eyes - wash with copious quantity of water.

## SECTION VI REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide can be formed during combustion.

HAZARDOUS  
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

## SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Absorb with clay, diatomaceous earth, or  
other inert material.

WASTE DISPOSAL METHOD

Controlled burning or burying.

## SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

None normally required.

VENTILATION

LOCAL EXHAUST

SPECIAL

Not normally needed.

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Not normally needed

EYE PROTECTION

Not normally needed.

OTHER PROTECTIVE EQUIPMENT

## SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

No special precautions normally needed.

OTHER PRECAUTIONS

NAME H. Low

TITLE Head Toxicology Sect., MTM R&amp;D-Mktg.

COMPANY Shell Oil

SIGNATURE H. Low

DATE 5/15/73

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY THE MATERIAL IF REASONABLE SAFETY PROCEDURES ARE NOT ADHERED TO AS STIPULATED IN THE DATA SHEET. ADDITIONALLY, VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY ABNORMAL USE OF THE MATERIAL EVEN IF REASONABLE SAFETY PROCEDURES ARE FOLLOWED. FURTHERMORE, VENDEE ASSUMES THE RISK IN HIS USE OF THE MATERIAL.

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